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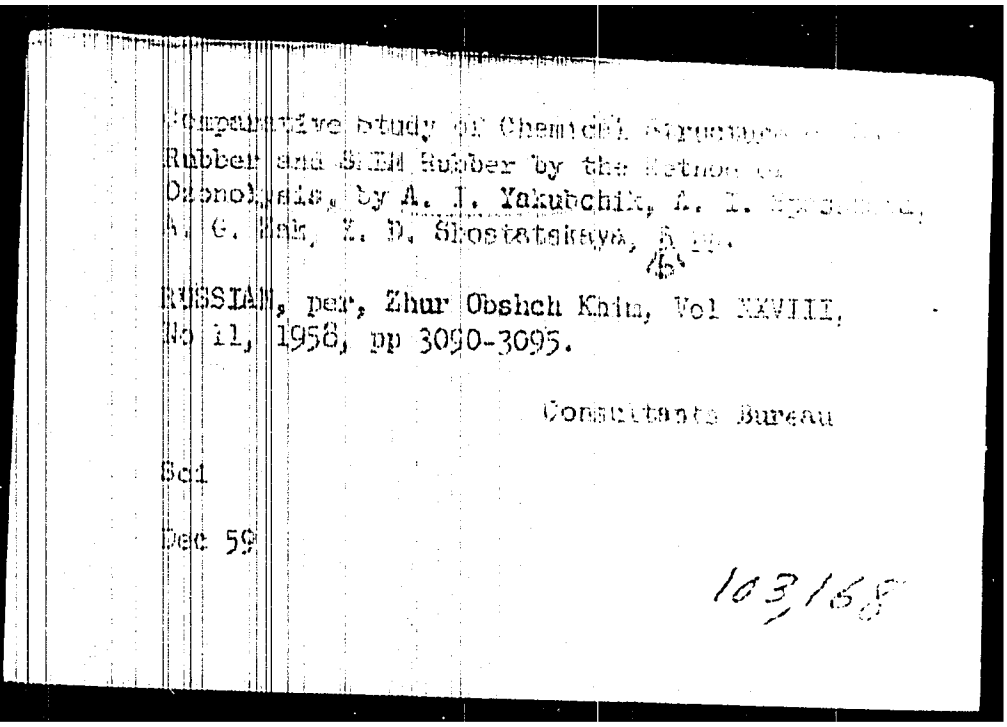

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Determination of the Percentages of 1,4 and 1,2 Units in Different Fractions of Sodium Butediene Rubber, by A. I. Yakubchik, V. A. Filatova, 4 pp.

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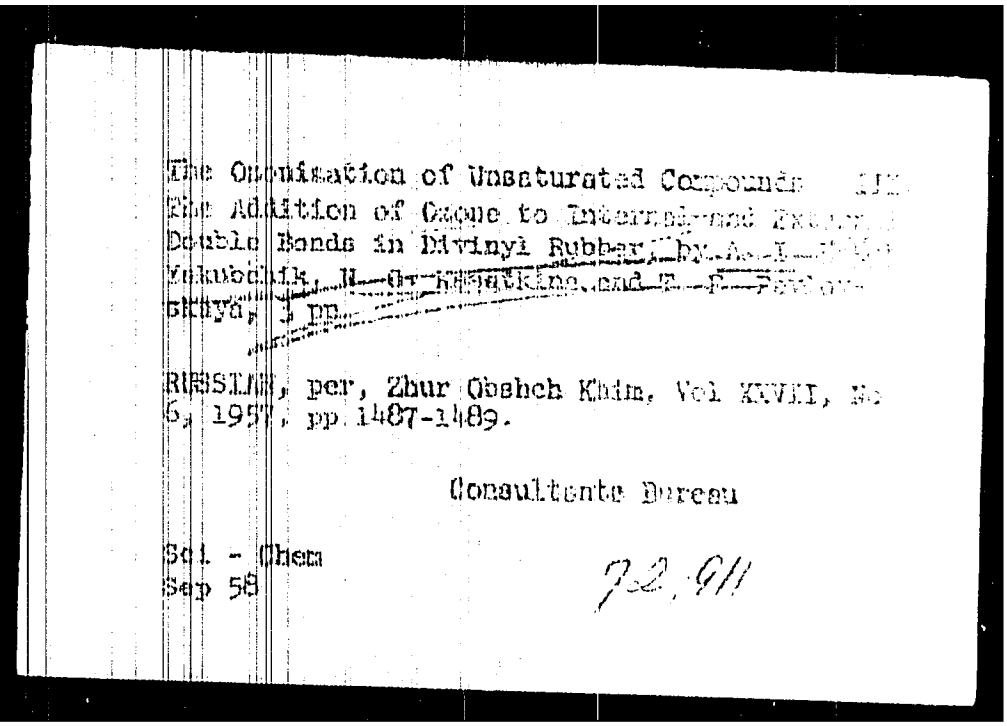

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CHEMICAL CHARACTERISTICS OF BUTADIENE RUBBERS BASED ON DETERMINATION OF FORMIC ACID AND FORMALDEHYDE IN THE PRODUCTS OF DECOMPOSITION OF THEIR OZONIDES. [1961] 6p. 33 refs.
Order from OTS or SLA $1.10 61-16908

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1944, v. 17 [no. 1/2] p. 107-113.

DESCRIPTORS: *Rubber, Decomposition, Ozonides, Butadienes, Formaldehyde, *Synthetic rubber, Formic acids.

A rapid method of classification of butadiene polymers and their copolymers, for instance with styrene, was developed, based on correlation of the properties of the rubber with the number of vinyl linkages in the rubber molecule indicated by ozonization. Data for 14 types of

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61-16908

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II. Vasil'ev, A. A.

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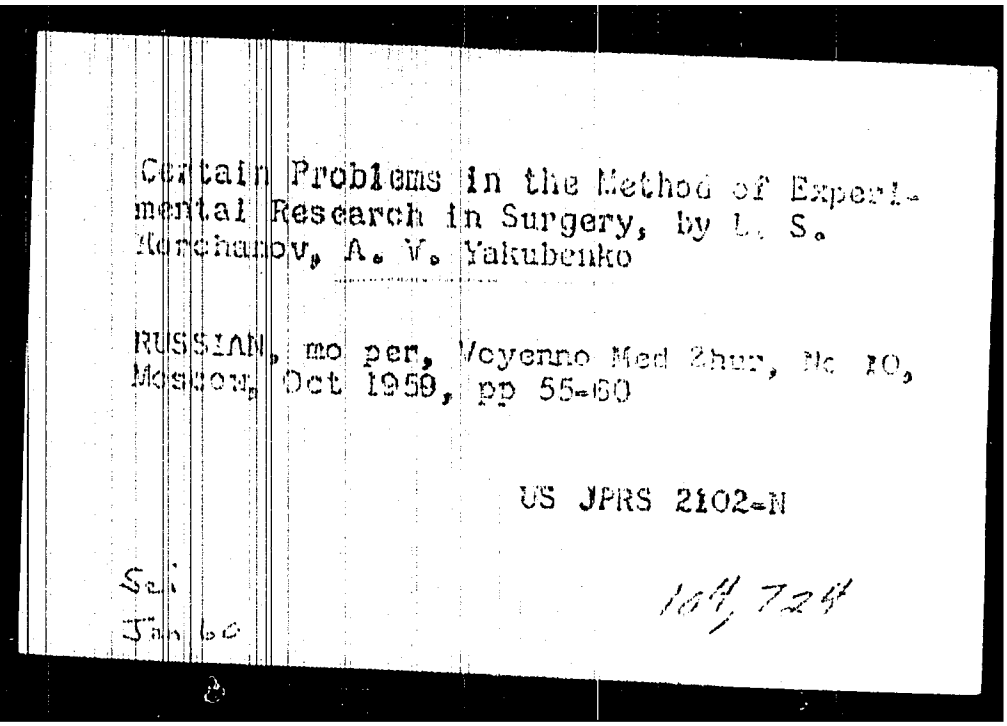

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Characteristics of Certain Types of Combined Radiation Injuries and Their Treatment by
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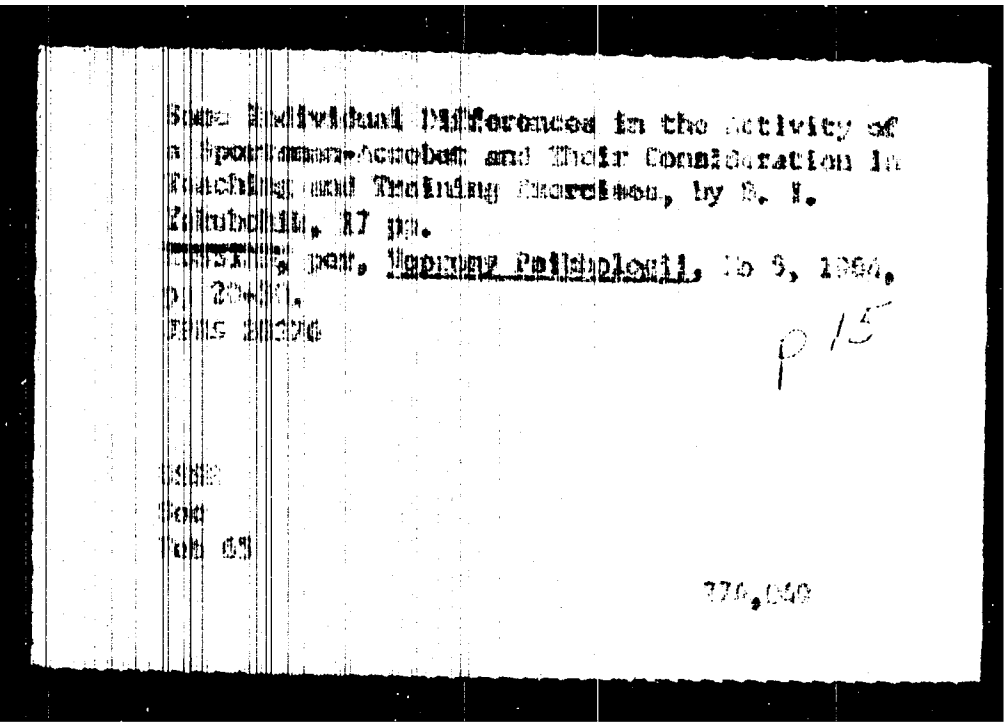

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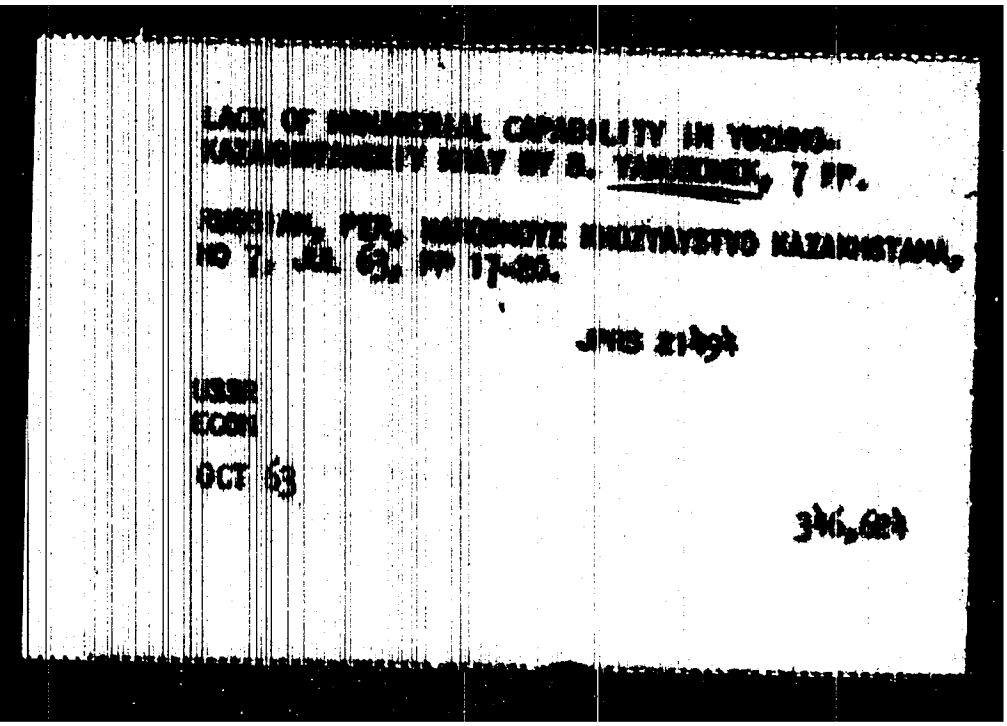

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Study of Conditions for Separation of Antibiotics of Mycetin-Violarin Group by Paper Chromatography by G. Z. Yakubov, and Yu. M. Khokhlova, 5 MD.

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Radiation Cooling of a Gas Heated by a Powerful Shock Wave, by V.G. Sevastyanenko and I.T. Yakubov, 5 pp.

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RUSSIAN, per, Zhur Tekh Fiz, Vol. XXXIII, No 11, 1963, pp 1344-1353.

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Yakubov, I. T.

AN ASYMPTOTIC EXPRESSION FOR THE GENERALIZED LAGUERRE POLYNOMIALS. [1963] [7]p. 7 refs. Order from OTS or SLA $1.10 63-18371

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Matematika (USSR) 1963, no. 1(32) p. 169-171.

DESCRIPTORS: *Polynomials, Numerical analysis.

A new asymptotic expression is presented for the generalized Laguerre polynomials. The expression is derived by studying a particular solution of the Schrodinger equation for large values of the index. (Translator)

(Mathematics, TT, v. 10, no. 10)

63-18371

1. Title: Schrodinger equation
I. Yakubov, I. T.

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The Effect of Radiation on the State of a Gas Ahead of a Shock-Wave Front
By A. N. Kagar'kov and I. T. Yakubov pp. 5

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An Approximate Method for Calculating Franck-Condon Factors, by L. M. Kiberman, I. T. Yakubov, 8 pp.

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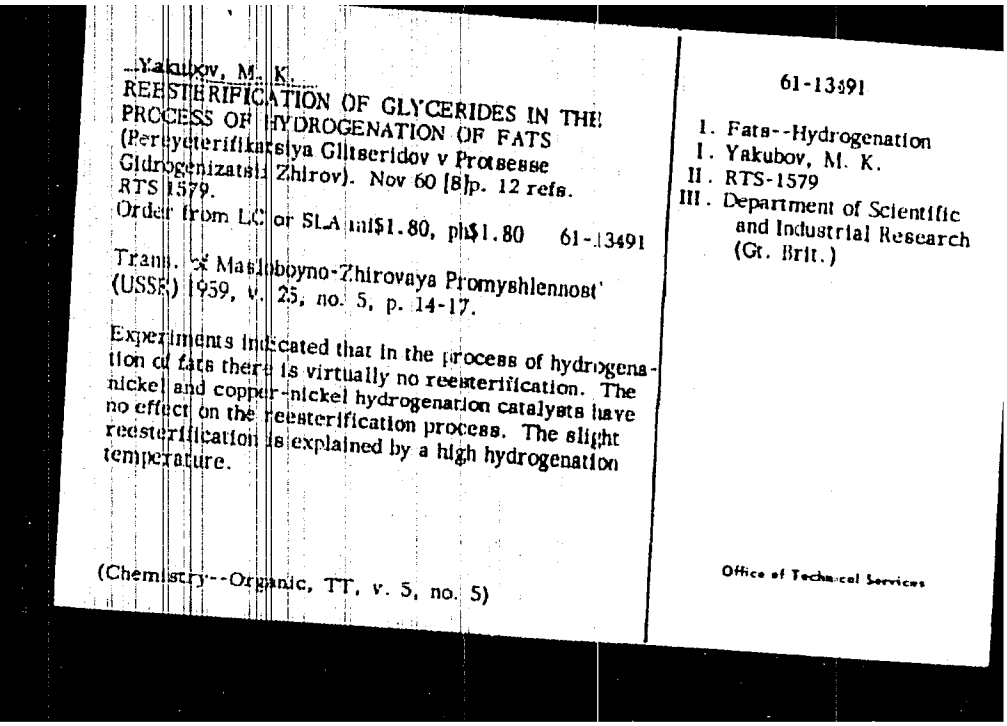

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Order from LC or SLA ml$1.80, ph$1.80 61-13491

Trans. from Maslobboyno-Zhirovaya Promyshlennost' (USSR) 1959, v. 25, no. 5, p. 14-17.

Experiments indicated that in the process of hydrogenation of fats there is virtually no reesterification. The nickel and copper-nickel hydrogenation catalysts have no effect on the reesterification process. The slight reesterification is explained by a high hydrogenation temperature.

(Chemistry--Organic, TT, v. 5, no. 5)

61-13491

1. Fats--Hydrogenation
I. Yakubov, M. K.
II. RTS-1579
III. Department of Scientific and Industrial Research (Gt. Brit.)

Office of Technical Services

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DSIR LIB RTS 1579

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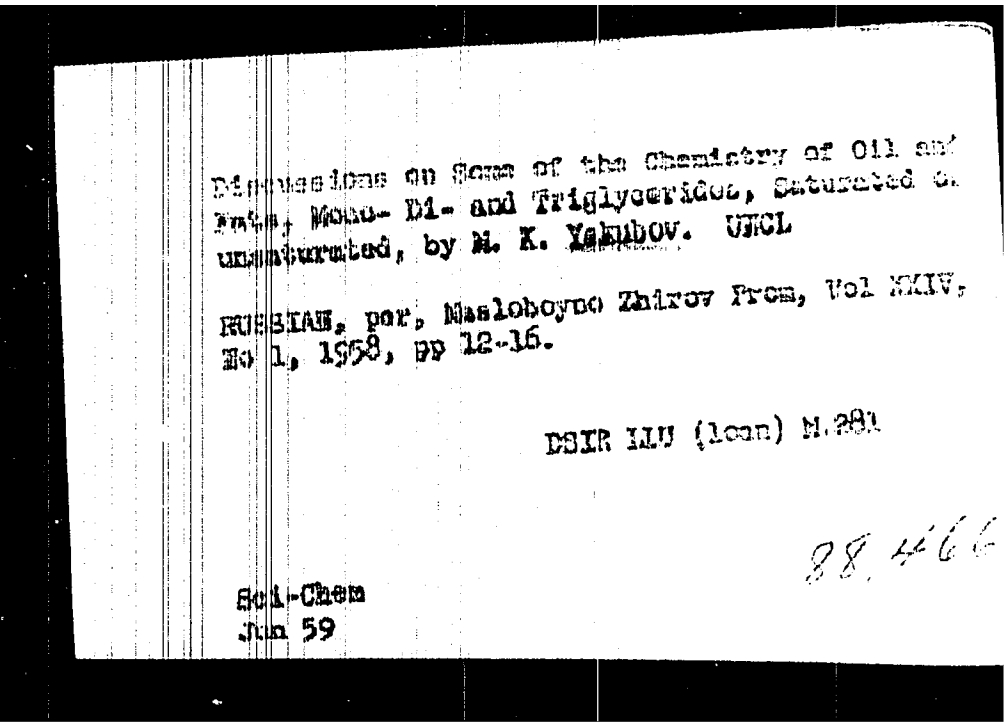

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ID 2201421

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Syntheses of Vinyl Monomers. V. Syntheses of Cyano-Substituted Acrylates, by A. Yakubovich, V. Razumovskiy, S. Rozenshtein, 4 pp.

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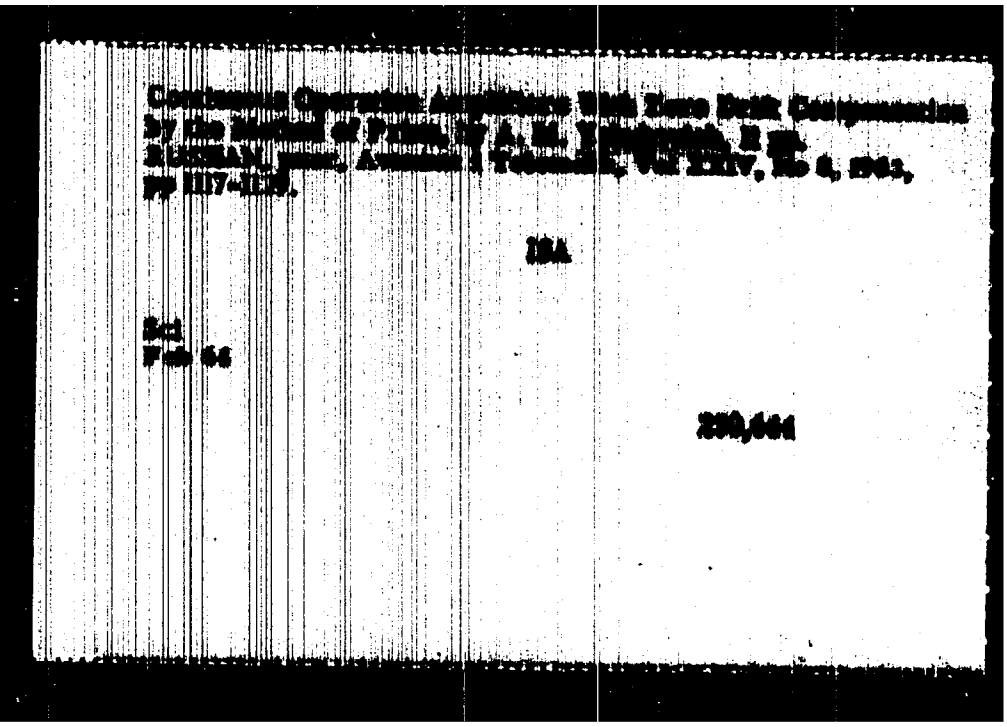

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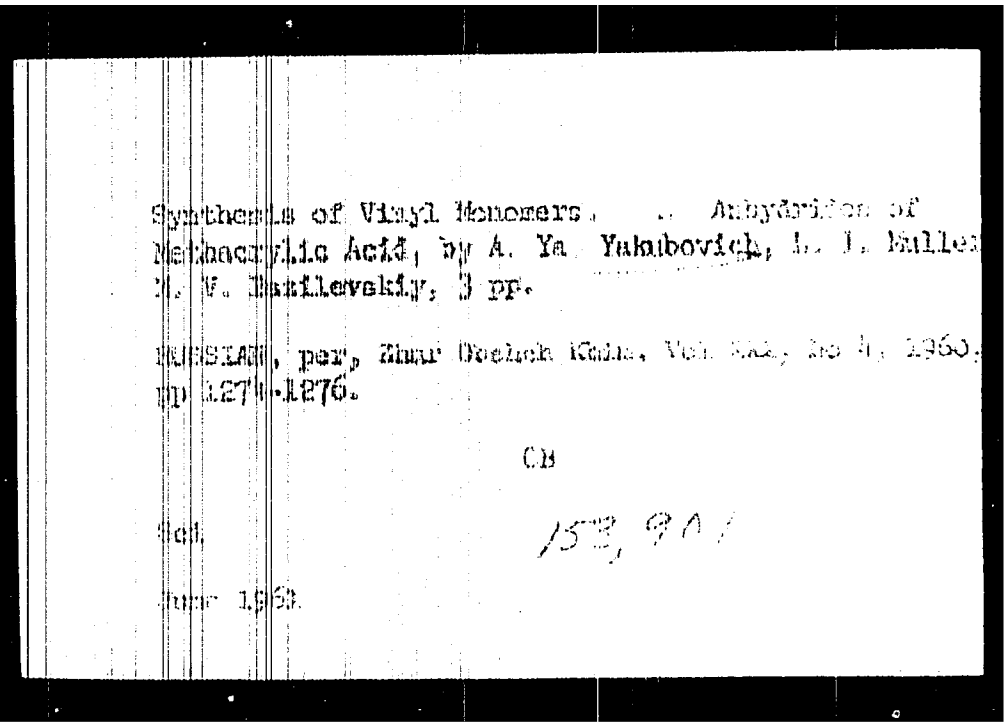

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PREPARATION, PYROLYSIS AND PHOTOLYSIS OF POLYFLUORINATED ALIPHATIC AZO COMPOUNDS, BY V. A. GINSBURG, A. YA. YAKUBOVICH, 4 PP.

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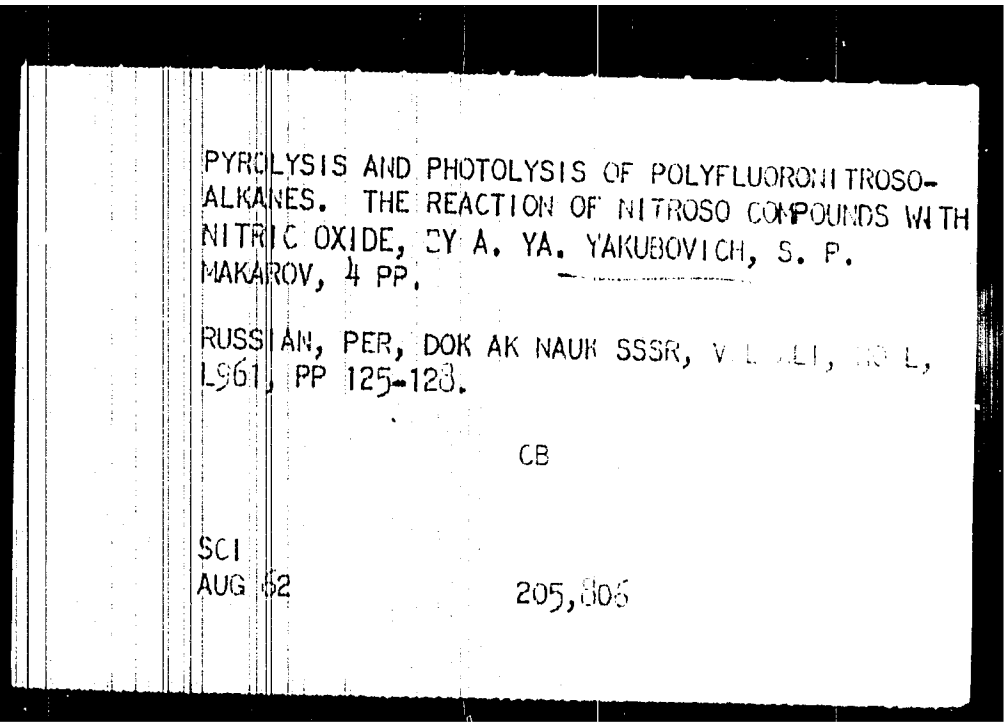

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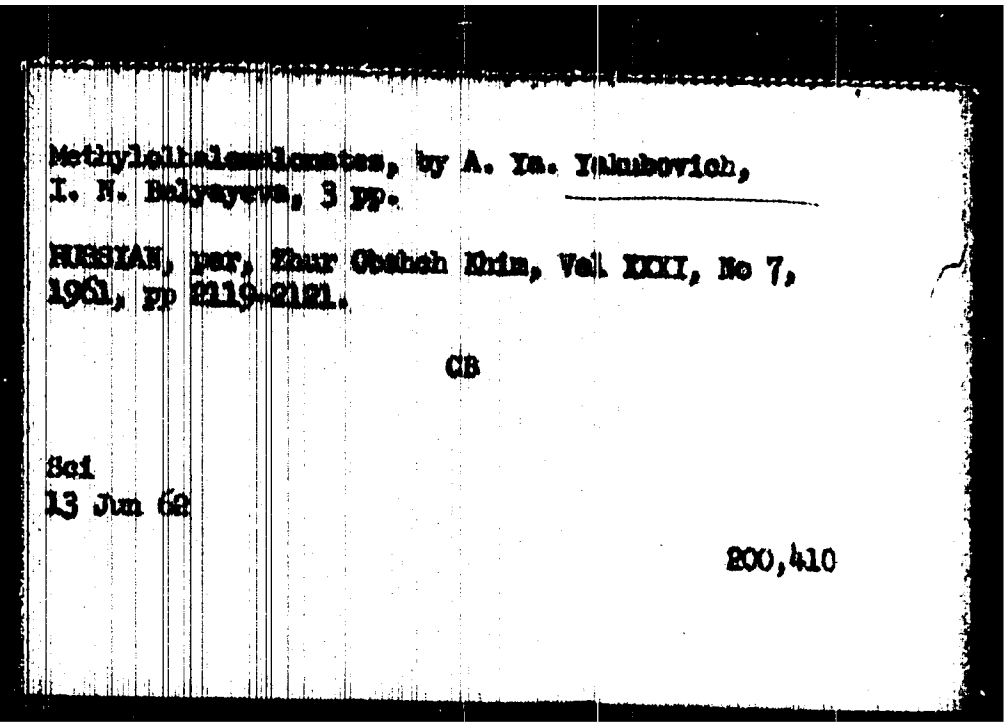

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Yakubovich, A. Ya. and Ginsburg, V. A.
SYNTHESIS OF ALIPHATIC ORGANIC COMPOUNDS OF ELEMENTS BY A DIAZO METHOD. SYNTHESIS OF COMPOUNDS OF GROUP III ELEMENTS: ORGANOTHALLIUM AND BORON COMPOUNDS.
Sep 61 [5]p. 8 refs. RTS 1950.
Order from OTS or SLA $1.10 61-28027

Trans. of Akademiya Nauk SSSR. Doklady, 1950, v. 73, no. 5, p. 957-958.

DESCRIPTORS: *Aliphatic compounds, *Organic Compounds, *Thallium compounds, *Boron compounds, Synthesis, Azo radicals, Methyl radicals, Ethanes, Chlorides, Chemical reactions.

(Chemistry--Organic, TT, v. 6, no. 10)

61-28027

I. Yakubovich, A. Ya.
II. Ginsburg, V. A.
III. RTS-1950
IV. Department of Scientific and Industrial Research (Gt. Brit.)

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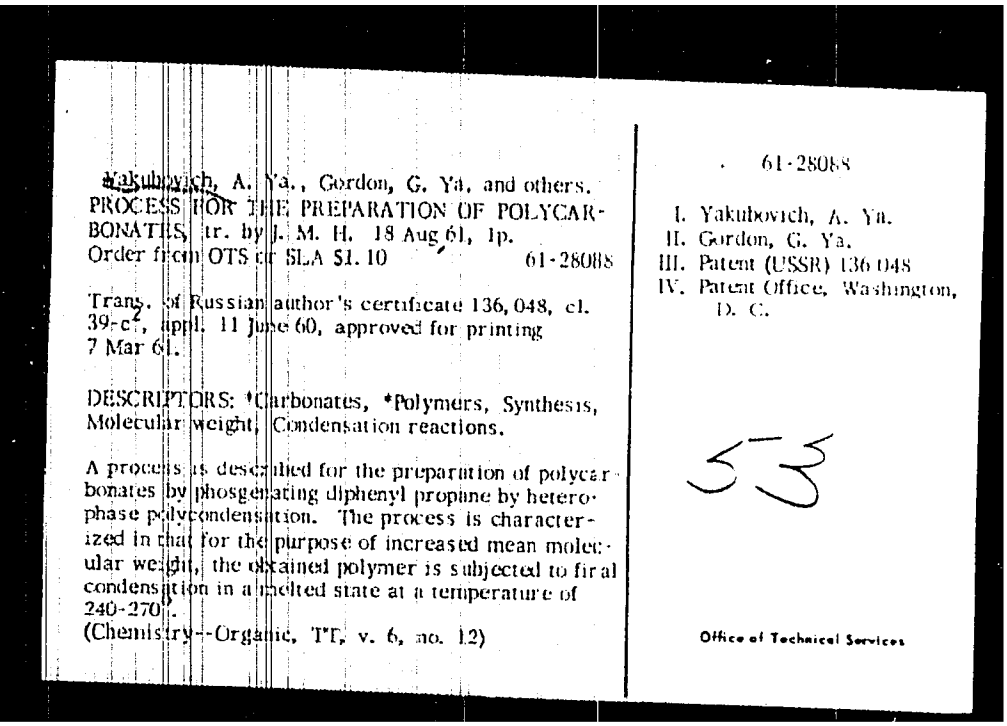

Yakubovich, A. Ya., Gordon, G. Ya, and others. PROCESS FOR THE PREPARATION OF POLYCARBONATES, tr. by J. M. H. 18 Aug 61, 1p. Order from OTS or SLA 51.10 61-28088

Trans. of Russian author's certificate 136,048, cl. 39-c2, appl. 11 June 60, approved for printing 7 Mar 61.

DESCRIPTORS: *Carbonates, *Polymers, Synthesis, Molecular weight, Condensation reactions.

A process is described for the preparation of polycarbonates by phosgenating diphenyl propane by heterophase polycondensation. The process is characterized in that for the purpose of increased mean molecular weight, the obtained polymer is subjected to final condensation in a melted state at a temperature of 240-270°.
(Chemistry--Organic, TT, v. 6, no. 12)

61-28088

I. Yakubovich, A. Ya.
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III. Patent (USSR) 136 048
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Syntheses of Vinyl Monomers. IV. Fluorine-Substituted Acrylates, by A. Ya. Yakubovich, M. A. Bogoslovskiy, E. P. Pravova, S. M. Rozenshtein, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 8, 1958, pp 2283-2291.

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Synthesis of Vinyl Monomers. III. Synthesis of Compounds with a Carbonyl Group, by A. Ya. Yakubovich, V. V. Razumovskiy and I. N. Belyayeva, 3 pp.

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Yakubovich, A. Ya. and Klimova, V. A.
ON THE REACTION OF ETHYLENE DIAMINE WITH CARBON DISULFIDE AND ON ETHYLENE-DI-ISO-THIOCYANATE [O Vzaimodeistvii Etilendiamina s Serouglerodom to Etilenditizotiotsyanate]. [1964] [14p] 5refs
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(Chemistry--Organic, TT, v. 11, no. 12)

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I. Yakubovich, A. Ya.
II. Klimova, V. A.
III. ATS-RJ-72

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